Adejonwo, K. O., *see* Lagoke, S. T. O.
Agboola, A. A., *see* Ambe, J. T.
Ahmed, S. M., *see* Shafi, M. M.
Ahmed, S., *see* Beniwal, S. P. S.
Alam, M. S. A survey of rice insect pests in Nigeria, 115
Alghali, A. M. On-farm evaluation of control strategies for insect pests in cowpea with emphasis on flower thrips, *Megalurothrips sjostedti* Trybom (Thysanoptera: Thripiedae), 420
Amadou, K., *see* Bouchard, D.
Ambe, J. T., Agboola, A. A., and Hahn, S. K. Studies of weeding frequency in cassava in Cameroon, 302
Ampofo, K., *see* Cardona, C.
Anas, A. N., *see* Heong, K. L.
Aneja, K. R., *see* Prasad, G.
Annamalai, P., and Lalithakumari, D. Development of resistance in *Drechslera oryzae* to edifenphos-monitoring and control strategies, 349
Anwar, T., Jabbar, A., Khalique, F., Tahir, S., and Shakeel, M. A. Plants with insecticidal activities against four major insect pests in Pakistan, 431

Ball, S. L., *see* Werder, J.
Balyan, R. S., Malik, R. K., and Panwar, R. S. Effects of rates, times and methods of application of tralkoxydim on wild oat (*Avena ludoviciana*) in wheat, 411
Balyan, R. S., *see* Chauhan, D. R.
Banda, D. L. N., *see* Ploetz, R. C.
Beck, H. W., *see* Schuster, D. J.
Bekele, I., *see* Bridgemohan, P.
Beniwal, S. P. S., Ahmed, S., and Gorfu, D. Wilt/root rot diseases of chickpea in Ethiopia, 48
Bhardwaj, S. P., and Chander, R. Design and placement of synthetic sex attractant traps for monitoring apple leafroller, *Archips pomivora* Meyrick (Lepidoptera: Tortricidae) in North Indian orchards, 61
Blum, L. E. B., Dianese, J. C., and Costa, C. L. Comparative pathology of *Cylindrocladium clavatum* and *C. scoparium* on *Eucalyptus spp.* and screening of *Eucalyptus* provenances for resistance to *Cylindrocladium* damping-off, 155
Boivin, G., *see* Bouchard, D.
Bouchard, D., Ouedraogo, A., and Boivin, G. Vertical distribution, spatial dispersion and sequential sampling plan for fruit damage by *Helicoverpa armigera* (Hubner) (Lepidoptera: Noctuidae) on tomato crop in Burkina Faso, 250
Bouchard, D., Ouedraogo, A., Boivin, G., and Amadou, K. Mass rearing and life cycle of the African rice gall midge, *Orseolia oryzivora* H. & G., in Burkina, Faso, 450
Brathwaite, R. A. I., *see* Bridgemohan, P.
Braunworth, W. S., Jr., *see* Ploetz, R. C.
Bridge, J., *see* Peregrine, W. T. H.
Bridgemohan, P., McDavid, C. R., Bekele, I., and Brathwaite, R. A. I. The effects of *Rottboellia cochinchinensis* on the growth, development and yield of maize, 400
Brownbridge, M., and Onyango, T. Screening of exotic and locally isolated *Bacillus thuringiensis* (Berliner) strains in Kenya for toxicity to the spotted stem borer, *Chilo partellus* (Swinhoe), 77

Cardona, C., Dick, K., Posso, C. E., Ampofo, K., and Nadhy, S. M. Resistance of a common bean (*Phaseolus vulgaris* L.) cultivar to post-harvest infestation by *Zabrotes subfasciatus* (Boheman) (Coleoptera: Bruchidae). II. Storage tests, 173
Cardona, C., *see* Padgham, J.
Castin, E. M., Pablico, P. P., and Moody, K. Effect of water overflowing from a herbicide-treated rice field on herbicide performance, 30
Castro, N., *see* Prabhu, A. S.
Chander, R., *see* Bhardwaj, S. P.
Channer, A. G., *see* Ploetz, R.C.
Chaudhary, O. P., and Kashyap, R. K. Effect of some management practices on the incidence of insect pests and yield of egg plant (*Solanum melongena* L.) in India, 416
Chauhan, D. R., Panwar, K. S., and Balyan, R. S. Influence of irrigation, phosphorus and weed control methods on weeds and field pea (*Pisum sativum* L.), 1
Chee Chaw Foh, *see* Wood, B. J.
Chizala, C. T., *see* Ploetz, R. C.
Choudhary, A. H., *see* Lagoke, S. T. O.
Chung Gait Fee, *see* Wood, B. J.
Cockfield, S. D. Groundnut oil application and varietal resistance for control of *Callosobruchus maculatus* (F.) in cowpea grain in The Gambia, 268
Cole, D. L., Hedges, T. R., and Ndowora, T. A wilt of passion fruit (*Passiflora edulis* f. *edulis* Sims) caused by *Fusarium solani* and *Phytophthora nicotianae* var. *parasitica*, 362
Conway, J. A., *see* Hodges, R. J.
Coop, L. B., and Croft, B. A. Damage rates to pearl millet by adults of five grasshopper species and *Psalydolytta* blister beetles in Mali, 201
Costa, C. L., *see* Blum, L. E. B.
Craig, I. P. S., and Parkin, C. S. Herbicide application using a fluid-driven rotary atomizer, 164
Croft, B. A., *see* Coop, L. B.

Dahal, G. Occurrence and epidemiology of a potyvirus-like disease of zucchini squash in Nepal, 144
Deeming, J. C. *Liriomyza sativae* Blanchard (Diptera: Agromyzidae) established in the Old World, 218
Dev, J., Singh, J. N., and Singh, G. Development and use of a soil bioassay for pendimethalin and fluchloralin, 22
Dhindsa, M. S., Saini, H. K., and Toor, H. S. Wrapping leaves around cobs to protect ripening maize from rose-ringed parakeets, 98
Dianese, J. C., *see* Blum, L. E. B.
Dick, D., *see* Padgham, J.
Dick, K., *see* Cardona, C.
Dolling, W. R., *see* Stonedahl, G. M.
Dongre, T. K., *see* Tamhankar, A. J.
du Heaume, G. J., *see* Stonehahl, G. M.

El Tayeb A. El Hag. Potential role of indigenous Coccinellidae in regulation of aphid populations in Central Arabia wheat fields, 425
Elliot, P. C., and Moody, K. Evaluation of various weed control practices in cowpea, 5
Enynnia, T. Chemical weed control in rainfed upland rice in Nigeria, 408

Fargette, D., *see* N'Guessan, K. P.
Fauquet, C., *see* N'Guessan, K. P.
Fenn, R. Effect of physiological age and pregnancy stage on the tolerance of *Glossina* species to aerosol and topical application of endosulfan and the consequences for aerial control, 453
Filippi, M. C., *see* Prabhu, A. S.
Fofanah, M., *see* James, B. D.
Fuentes-Davila, G., and Lawn, D. A. Effect of methyl bromide and dazomet on germination of *Tilletia indica* teliospores in field soil, 323

George, P. J., *see* Vikram Reddy, M.
Ghosh, D. C., *see* Singh, R. S.
Gorfu, D., *see* Beniwal, S. P. S.
Gour, T. B., and Sriramulu, M. Grapevine, *Vitis vinifera* Linn. A new host of castor shoot and capsule borer, *Conogethes punctiferalis* (Guénée), 459
Gowda, Gavi, *see* Rajagopal, D.
Grace, J. K., and Yates, J. R. Behavioural effects of a neem insecticide on *Coptotermes formosanus* (Isoptera: Rhinotermitidae), 176
Gupta, B. R., *see* Singh, S. K.
Gworgwor, N. A., and Lagoke, S. T. O. Weed control in sorghum-groundnut mixture in the simultaneous system of farming in Northern Guinea savanna zone of Nigeria, 131

Hahn, S. K., *see* Ambe, J. T.
Halid, H., *see* Hodges, R. J.
Hammond, A. M., *see* Jansson, R. K.
Hansen, J. D., Hara, A. H., and Tenbrink, V. L. Insecticidal dips for disinfecting commercial tropical cut flowers and foliage, 245
Hanson, P. M., and Smith, L. M. II. Economics of chemical and manual weed control in hydbrid maize in the Kenya highlands, 210

Hara, A. H., *see* Hansen, J. D.
Hara, A. H., *see* Hata, T. Y.
Hartman, G. L., and Wang, T. C. Phytophthora blight of pepper: screening for disease resistance, 319
Hata, T. Y., and Hara, A. H. Evaluation of insecticides against pests of red ginger in Hawaii, 234
Hata, T. Y., and Hara, A. H. Anthurium thrips, *Chaetanaphothrips orchidii* (Moulton): biology and insecticidal control on Hawaiian anthuriums, 230
Hata, T. Y., and Hara, A. H. Anthurium whitefly, *Aleurotulus anthuricola* Nakahara: biology and control in Hawaii, 152
Hawton, D. Effect of propanil, 2,4,5-T and other herbicides on *Echinochloa colona* (L.) Link and *Cyperus iria* L. in dry seeded rice, 310
Hawton, D., Howitt, C. J., and Johnson, I. D. G. A comparison of methods for the control of *Cyperus rotundus* L., 305
Heath, R. R., *see* Jansson, R. K.
Hedges, T. R., *see* Cole, D. L.
Hedstrom, I. Why do guava fruit flies, *Anastrepha striata* (Tephritidae), avoid the upper canopy of host trees?, 136
Heong, K. L., Jusoh, M. M., Ho, N. K., and Anas, A. N. Sprayer usage among rice farmers in the Muda area, Malaysia, 327
Ho, N. K., *see* Heong, K. L.
Hock, J., Kranz, J., and Renfro, B. L. Tests of standard diagrams for field use in assessing the tarspot disease complex of maize (*Zea mays*), 314
Hodges, R. J., Sidik, M., Halid, H., and Conway, J. A. Cost efficiency of respraying store surfaces with insecticide to protect bagged milled rice from insect attack, 391
Hossain, M. S., and Meah, M. B. Prevalence and control of guava fruit anthracnose, 181
Howitt, C. J., *see* Hawton, D.

Inang, E. E., *see* Jackai, L. E. N.
Inayatullah, C., *see* Khan, L.
Ishaya, A. T., *see* Uvah, I. I.

Jabbar, A., *see* Anwar, T.
Jackai, L. E. N., Inang, E. E., and Nwobi, P. The potential for controlling post-flowering pests of cowpea, *Vigna unguiculata* Walp. using neem, *Azadirachta indica* A. Juss, 56
Jain, S. D., *see* Sheikher, C.
James, B. D., and Fofanah, M. Population growth patterns for *Phenacoccus manihoti* Mat-Ferr on cassava in Sierra Leone, 89
Jansson, R. K., Mason, L. J., Heath, R. R., Sorensen, K. A., Hammond, A. M., and Robinson, J. V. Pheromone-trap monitoring system for sweet potato weevil (Coleoptera: Apionidae): effects of pheromone source and purity, 196
Johnson, I. D. G., *see* Hawton, D.
Joshi, R. C., *see* Ukwungwu, M. N.
Jusoh, M. M., *see* Heong, K. L.

Kalha, C. S., *see* Singh, S. K.
Kashyap, R. K., *see* Chaudhary, O. P.
Kassim, A. The effect of Kocide 101 and Kokotine on cocoa rehabilitation in the Eastern Region in Sierra Leone, 206
Kaur, N. P., and Mukhopadhyay, A. N. Integrated control of 'chickpea wilt complex' by *Trichoderma* and chemical methods in India, 372
Khalique, F., *see* Anwar, T.
Khan, L., Inayatullah, C., and Manzoor-Ul-Haq. Control of melon fly, *Dacus cucurbitae* (Diptera: Trypetidae) on melon in Pakistan, 261
Kiniiya, H. S. N., *see* Rinkanya, F. G. R.
Kiran Kuma, V. P., *see* Vikram Reddy, M.
Komura Reddy, B., *see* Vikram Reddy, M.
Kranz, J., *see* Hock, J.
Kravtchenko, V. D., Imago activity rhythms of some pest species of Noctuidae in Ethiopia (Insecta: Lepidoptera), 75
Kumar, R. *Brevipalpus phoenicis* (Geijskes), Acarina: Tenuipalpidae, infesting Persimmon—a new host record, 107
Kung'U, J. N., Seif, A. A., and Waller, J. M. Black leaf streak and other foliage diseases of bananas in Kenya, 359

Lagoke, S. T. O., Adejonwo, K. O., Choudhary, A. H., and Ogungbile, A. O. Herbicide evaluation in the hoe-farming system cotton production in Northern Nigeria, 286
Lagoke, S. T. O., *see* Gworgwor, N. A.
Laker, H. A., and Ram, A. Investigations of integrated control of witches' broom disease of cocoa in Rondonia State, Brazil, 354
Lakshmanan, P. Sheath rot of rice incited by *Curvularia lunata* in Tamil Nadu, India, 107
Lalithakumari, D., *see* Annamalai, P.
Lawn, D. A., *see* Fuentes-Davila, G.
Linke, K-H., Scheibel, C., Saxena, M. C., and Sauerborn, J. Fungi occuring on *Orobanche* spp. and their preliminary evaluation for *Orobanche* control, 127

Mabbayad, M. O., and Moody, K. Herbicide seed treatment for weed control in wet-seeded rice, 9
Makina, D. W., *see* Ploetz, R. C.
Malik, R. K., *see* Balyan, R. S.
Mani, M. Contact toxicity of different pesticides to the encyrtid parasitoids, *Aenasius advena* and *Blepyrus insularis* of the striped mealybug, *Ferrisia virgata*, 386
Manian, S., and Udaiyan, K. Altitudinal distribution of the Lantana lace bug *Teleonemia scrupulosa* Stal. in the Anaimalai hills (Western Ghats), India, 93
Manzoor-Ul-Haq, *see* Khan, L.
Maredia, K. M., Segura, O. L., and Mihm, J. A. Effects of neem, *Azadirachta indica*, on six species of maize insect pests, 190
Mason, L. J., *see* Jansson, R. K.
McDavid, C. R., *see* Bridgemohan, P.
Meah, M. B., *see* Hossain, M. S.
Medvecky, B. A., and Zalom, F. G. Conventional and alternative insecticides, including a granular formulation of *Bacillus thuringiensis* var. *kurstaki*, for the control of *Busseola fusca* (Fuller) (Lepidoptera: Noctuidae) in Kenya, 186
Medvecky, B. A., Zalom, F. G., and Williams, W. A. Traps and lures for a pheromone-based monitoring system for the maize stalk borer, *Busseola fusca* (Fuller) (Lepidoptera: Noctuidae) in Kitale, Kenya, 70
Mihm, J. A., *see* Maredia, K. M.
Mittra, B. N., *see* Moorthy, B. T. S.
Moody, K., *see* Castin, E. M.
Moody, K., *see* Elliot, P. C.
Moody, K., *see* Mabbayad, M. O.
Moody, K., *see* Rao, A. N.
Moorthy, B. T. S., and Mittra, B. N. Reduction of herbicide phytotoxicity on upland rice by use of protectants, 295
Mukhopadhyay, A. N., *see* Kaur, N. P.
Muraguri, G., *see* Rinkanya, F. G. R.

N'Guessan, K. P., Fargette, D., Fauquet, C., and Thouvenel, J-C. Aspects of the epidemiology of okra leaf curl virus in Cote d'Ivoire, 122
Nadhy, S. M., *see* Cardona, C.
Nathaniels, N., *see* Waller, J. M.
Navneet, *see* Prasad, G.
Ndowora, T., *see* Cole, D. L.
Nishimoto, R. K. Evaluation of pre-emergence herbicides for establishing coffee, 298
Nwobi, P., *see* Jackai, L. E. N.

Ogungbile, A. O., *see* Lagoke, S. T. O.
Okonkwo, E. U., and Okoye, W. I. The control of *Callosobruchus maculatus* (F.) in stored cowpea with dried ground *Ricinus communis* (L.) leaves in Nigeria, 237
Okoye, W. I., *see* Okonkwo, E. U.
Onsando, J. M., and Waudo, S. W. Effect of coffee pulp on Trichoderma spp. in Kenyan tea soils, 376
Onyango, T., *see* Brownbridge, M.
Ouedraogo, A., *see* Bouchard, D.
Owenya, F. S., *see* Saidi, J. A.

Pablico, P. P., *see* Castin, E. M.
Padgham, J., Pike, V., Dick, D., and Cardona, C. Resistance of a common bean (*Phaseolus vulgaris* L.) cultivar to post-harvest infestation by *Zabrotes subfasciatus* (Boheman) (Coleoptera: Bruchidae). I. Laboratory tests, 167
Panwar, K. S., *see* Chauhan, D. R.

Panwar, R. S., *see* Balyan, R. S.
Parkin, C. S., *see* Craig, I. P. S.
Patrock, R. J., and Schuster, D. J. Feeding, oviposition and development of the pepper weevil, (*Anthonomus eugenii* Cano), on selected species of Solanaceae, 65
Peregrine, W. T. H., and Bridge, J. The lesion nematode *Pratylenchus goodeyi*, an important pest of Ensete in Ethiopia, 325
Pervez, A., *see* Shafi, M. M.
Phillips, M. C. A survey of the arable weeds of Botswana, 13
Pike, V., *see* Padgham, J.
Ploetz, R. C., Channer, A. G., Chizala, C. T., Banda, D. L. N., Makina, D. W., and Braunworth, W. S., Jr. A current appraisal of banana and plantain diseases in Malawi, 36
Posso, C. E., *see* Cardona, C.
Prabhu, A. S., Filippi, M. C., and Castro, N. Pathogenic variation among isolates of *Pyricularia oryzae* affecting rice, wheat, and grasses in Brazil, 367
Prasad, G., Aneja, K. R., Shanker, V., and Navneet. *Fusarium* ovule rot of Sago palm (*Cycas revoluta* Thunb.) from Hardwar, India: a new record, 106

Rahman, S. J., *see* Singh, S. K.
Rajogopal, D., and Gowda, Gavi. Efficacy of granular insecticides in the management of groundnut leafminer, *Aproaerema modicella* Deventer (Lepidoptera: Gelechiidae), 82
Rajogopal, D., *see* Trivedi, T. P.
Ram, A., *see* Laker, H. A.
Ramakrishna, A., Rupela, O. P., Reddy, S. L. N., and Sivaramakrishna, C. Promising herbicides for weed control in chickpea, 398
Rao, A. N., and Moody, K. Competition between *Echinochloa glabrescens* and rice (*Oryza sativa*), 25
Rao, G. P., Singh, S. P., and Singh, M. Two new alternative hosts of *Curvularia pallescens*, the leaf spot causing fungus of sugarcane, 218
Ravinder Reddy, V., *see* Vikram Reddy, M.
Reddy, S. L. N., *see* Ramakrishna, A.
Renfro, B. L., *see* Hock, J.
Ringo, D. F. P., *see* Saidi, J. A.
Rinkanya, F. G. R., Kiniiya, H. S. N., and Muraguri, G. Evaluation of the efficacy of Ectopor pour-on against ticks infesting camels in Kenya, 96
Robinson, J. V., *see* Jansson, R. K.
Rossel, H. W., *see* Thottappilly, G.
Rupela, O. P., *see* Ramakrishna, A.

Saidi, J. A., Ringo, D. F. P., and Owenya, F. S. Evaluation of controlled-release chlorpyrifos for the control of sugarcane white grub *Cochliotis melolonthoides* (Gerst.) (Coleoptera: Scarabaeidae) in northern Tanzania, 382
Saini, H. K., *see* Dhindsa, M. S.
Sauerborn, J., *see* Linke, K-H.
Saxena, M. C., *see* Linke, K-H.
Scheibel, C., *see* Linke, K-H.
Schuster, D. J., and Beck, H. W. Presence-absence sampling for assessing densities of larval leafminers in field-grown tomatoes, 254
Schuster, D. J., *see* Patrock, R. J.
Segura, O. L., *see* Maredia, K. M.
Seif, A. A., *see* Kung'U, J. N.
Sesay, A. Plant infection and yield loss associated with cercospora leaf spots of groundnut (*Arachis hypogaea* L.) in Sierra Leone, 52
Shafi, M. M., Ahmad, S., Pervez, A., and Ahmed, S. M. Taste enhancers improve poison bait acceptance in field rodents damaging wheat crop, 214
Shakeel, M. A., *see* Anwar, T.
Shanker, V., *see* Prasad, G.
Sheikher, C., and Jain, S. D. Efficacy of live-trapping as a rodent control technique in vegetable crops, 103
Shomari, S. H., *see* Waller, J. M.
Sidik, M., *see* Hodges, R. J.
Sijoana, M. E. R., *see* Waller, J. M.
Sim Say Cheong, *see* Wood, B. J.
Singh, G., *see* Dev, J.
Singh, J. N., *see* Dev, J.
Singh, M., *see* Rao, G. P.
Singh, R. S., and Ghosh, D. C. Effect of cultural practices on weed arrangement in rainfed upland rice, 119
Singh, S. K., Rahman, S. J., Gupta, B. R., and Kalha, C. S. An integrated approach to the management of the major diseases and insect pests of peas in India, 265
Singh, S. P., *see* Rao, G. P.
Sivaramakrishna, C., *see* Ramakrishna, A.
Smith, L. M. II., *see* Hanson, P. M.
Sorensen, K. A., *see* Jansson, R. K.
Sriramulu, M., *see* Gour, T. B.
Stonedahl, G. M., Dolling, W. R., and du Heaume, G. J. Identification guide to common tingid pests of the world (Heteroptera: Tinigidae), 438

Tahir, S., *see* Anwar, T.
Tamhankar, A. J., and Dongre, T. K. Improved artificial diets for laboratory rearing for the spiny bollworm, *Earias insulana* (Boisduval) (Lepidoptera: Noctuidae), 85
Tenbrink, V. L., *see* Hansen, J. D.
Thottappilly, G., and Rossel, H. W. Virus diseases of cowpea in tropical Africa, 337
Thouvenel, J-C., *see* N'Guessan, K. P.
Toor, H. S., *see* Dhindsa, M. S.
Trivedi, T. P., and Rajagopal, D. Distribution, biology, ecology and management of potato tuber moth, *Phthorimaea operculella* (Zeller) (Lepidoptera: Gelechiidae): a review, 279

Udaiyan, K., *see* Manian, S.
Ukwungwu, M. N., and Joshi, R. C. Distribution of the African rice gall midge, *Orseolia oryzivora* Harris and Gagné and its parasitoids in Nigeria, 241
Uvah, I. I., and Ishaya, A. T. Effect of some vegetable oils on emergence, oviposition and longevity of the bean weevil, *Callosobruchus maculatus* (F.), 257

Vikram Reddy, M., Kiran Kumar, V. P., and Komura Reddy, B. Occurrence of *Gonocephalum* sp. (Tenebrionidae: Coleoptera) as a pest of groundnut in India, 108
Vikram Reddy, M., Yule, D. F., Ravinder Reddy, V., and George, P. J. Attack on pigeonpea (*Cajanus cajan* (L.) Millsp.) by *Odontotermes obesus* (Rambur) and *Microtermes obesi* Holmgren (Isoptera: Microtermitinae), 239

Waller, J. M., Nathaniels, N., Sijoana, M. E. R., and Shomari, S. H. Cashew powdery mildew (*Oidium anacardii* Noack) in Tanzania, 160
Waller, J. M., *see* Kung'U, J. N.
Wang, T. C., *see* Hartman, G. L.
Waudo, S. W., *see* Onsando, J. M.
Werder, J., and Ball, S. L. Variability of pearl millet downy mildew (*Sclerospora graminicola*) and its implications for breeding for stable and durable resistance, 43
Williams, W. A., *see* Medvecky, B. A.
Wood, B. J., Chung Gait Fee, Sim Say Cheong, and Chee Chaw Foh. Trials on control of the cocoa pod borer *Conopomorpha cramerella* (Snellen) in Sabah by regular complete harvesting, 271

Yates, J. R., *see* Grace, J. K.
Yule, D. F., *see* Vikram Reddy, M.

Zalom, F. G., *see* Medvecky, B. A.